

IN THE CLAIMS:

1. (Canceled)
2. (Currently amended) The logically partitioned data processing system as recited in claim [[1]] 4, wherein the shared resources comprise an operator panel.
3. (Currently amended) The logically partitioned data processing system as recited in claim [[1]] 4, wherein the shared resources comprise a system console.
4. (Previously presented) A logically partitioned data processing system, comprising:
 - a plurality of logical partitions;
 - a plurality of operating systems, each assigned to a separate one of the plurality of logical partitions;
 - a plurality of assignable resources, wherein each of the plurality of assignable resources is assigned to one of the plurality of logical partitions;
 - a hypervisor, wherein the hypervisor emulates shared resources and provides a virtual copy of the shared resources to each of the plurality of logical partitions, wherein the hypervisor receives a system message from one of the plurality of operating systems, appends an operating system identity to the message to produce a new message, and sends the new message to an external data processing system.
5. (Currently amended) The logically partitioned data processing system as recited in claim [[1]] 4, wherein instructions for executing the hypervisor are contained within firmware.
6. (Original) The logically partitioned data processing system as recited in claim 5, wherein the firmware comprises a read-only memory.

7. (Original) The logically partitioned data processing system as recited in claim 5, wherein the firmware comprises a programmable read-only memory.
8. (Original) The logically partitioned data processing system as recited in claim 5, wherein the firmware comprises an erasable programmable read-only memory.
9. (Original) The logically partitioned data processing system as recited in claim 5, wherein the firmware comprises an electrically erasable programmable read-only memory.
10. (Original) The logically partitioned data processing system as recited in claim 5, wherein the firmware comprises a non-volatile random access memory.
- 11-24. (Canceled)
25. (Canceled)
26. (Currently amended) The method of claim [[25]] 28, wherein the step of emulating further comprises:
 - providing an interface to the hardware resource as an emulated port device driver.
27. (Currently amended) The method of claim [[25]] 28, wherein the step of emulating further comprises:
 - providing a respective virtual copy of the hardware resource to each of the plurality of partitions.
28. (Previously presented) A method of allocating resources in a logically partitioned data processing system, comprising:
 - assigning non-overlapping subsets of resources to one of a plurality of partitions;
 - executing a plurality of operating systems, wherein each of the plurality of operating systems is respectively assigned to one of the plurality of partitions;

emulating a hardware resource that is shared with the plurality of operating systems, wherein the hardware resource is not included in any of the subsets of resources;
receiving a system message from one of the plurality of operating systems;
appending an operating system identity to the message to produce a new message,
and
sending the new message to an external data processing system.

29. (Currently amended) The method of claim ~~[[25]]~~ 28, wherein the step of emulating further comprises:

virtualizing the hardware resource by a firmware device.

30. (Previously presented) The method of claim 29, wherein the step of virtualizing further comprises:

performing firmware calls that emulate a port device driver.